

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
15 July 2004 (15.07.2004)

PCT

(10) International Publication Number
WO 2004/059304 A1

(51) International Patent Classification⁷: **G01N 23/12**

(21) International Application Number:
PCT/GB2003/005545

(22) International Filing Date:
18 December 2003 (18.12.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0230324.6 31 December 2002 (31.12.2002) GB

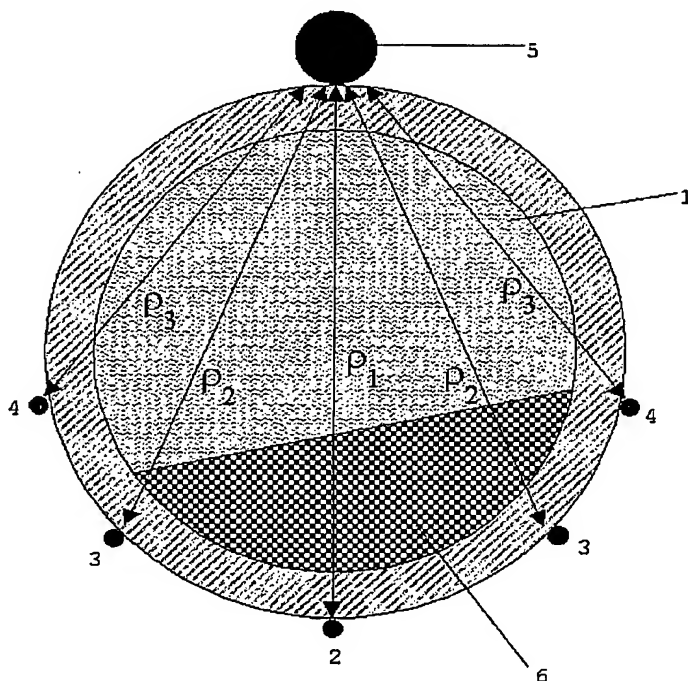
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(54) Title: METHOD AND APPARATUS FOR MONITORING DEPOSITION OF SOLIDS IN PIPELINES USING A PLURALITY OF RADIATION SOURCES POINTING TO A UNIQUE DETECTOR



(57) Abstract: The invention concerns a method of monitoring flow in a flow pipe. According to the invention, the method comprising the following steps: providing a flow pipeline having a unique photon detector at a first position on the periphery of said pipe, a first photon source at a second position on the periphery of said pipe, said detector and first source defining a first chord across said pipe, and one or more additional photon sources at positions on the periphery of said pipe defining one or more additional chords across said pipe; determining the density across said first chord from the count rate detected from the first source by the detector; and determining the densities across said one or more additional chords from the count rate detected from the one or more additional sources by the detector in order to determine the deposition of solid in the pipe.

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